STAAR Practice Test - 6th Grade

1. An orange juice carton has 64 fluid ounces . How many pints does the can contain?

2. Mollie, Tony, and Jose went to a concert together. Each purchased a ticket that can be shown by this expression: 3 (t + 3) + 5 to show the amount of money spent on the ticket and parking. Which expression is equivalent to this?

   A. 3t + 8
   B. 3t + 15
   C. 3t + 9
   D. 3t + 14

3. Yesterday 150 students ate pizza in the cafeteria, and 100 students did not eat pizza. What percentage of the students ate pizza yesterday?

4. Solve 20 - 3 + 4 x 2?

5. A bottle of antibiotic capsules has 6.324 ounces of capsules in the bottle. The pharmacist divides this into individual bottles with 0.062 ounces of capsules into each bottle. How many bottles are needed?

6. Fred spent $23.00 of his $40 on shoes. What decimal, rounded to the nearest hundredth, represents the amount that Fred spent on shoes?

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7. Which set of angle measures can be the angle measures of a right triangle?
   A. 60, 60 ,60
   B. 90, 30, 60
   C. 90, 35, 65
   D. 90, 25, 55

8. Which list shows the numbers in order from least value to greatest value?

   A. -3.5, -8/3, 0.2, 0 , 1
   B. -3.5, -8/3, 0, 0.2, 1
   C. -3.5, 0, -8/3, 0.2, 1
   D. 0, -3.5, 0.2, -8/3, 1

9. What is the volume of rectangular swimming pool when it is full with dimensions of 18 ft (l), 15 ft (w), 5.5. ft (depth)?

STAAR Practice Test Answer Key - 6th Grade

1. An orange juice carton has 64 fluid ounces . How many pints does the can contain?

   = 4 pints

2. Mollie, Tony, and Jose went to a concert together. Each purchased a ticket that can be shown by this expression: 3 (t + 3) + 5 to show the amount of money spent on the ticket and parking. Which expression is equivalent to this?

   A. 3t + 8
   B. 3t + 15
   C. 3t + 9
   D. 3t + 14

3. Yesterday 150 students ate pizza in the cafeteria, and 100 students did not eat pizza. What percentage of the students ate pizza yesterday?

   = 60%

4. Solve 20 - 3 + 4 x 2?

   = 25

5. A bottle of antibiotic capsules has 6.324 ounces of capsules in the bottle. The pharmacist divides this into individual bottles with 0.062 ounces of capsules into each bottle. How many bottles are needed?

   102 bottles

6. Fred spent $23.00 of his $40 on shoes. What decimal, rounded to the nearest hundredth, represents the amount that Fred spent on shoes?

   = 0.58

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7. Which set of angle measures can be the angle measures of a right triangle?
   A. 60, 60 ,60
   B. 90, 30, 60
   C. 90, 35, 65
   D. 90, 25, 55

8. Which list shows the numbers in order from least value to greatest value?

   A. -3.5, -8/3, 0.2, 0 , 1
   B. -3.5, -8/3, 0, 0.2, 1
   C. -3.5, 0, -8/3, 0.2, 1
   D. 0, -3.5, 0.2, -8/3, 1

9. What is the volume of rectangular swimming pool when it is full with dimensions of 18 ft (l), 15 ft (w), 5.5. ft (depth)?

   = 1,485 ft^3

Each question on this practice exam is meant to test your child's knowledge on a different segment of the STAAR Math test. We encourage you to review the questions missed and dive further into that concept.

We would love to help your kids prepare for the upcoming exam! **Contact us for a free in-depth assessment to get started. Let's ace this test!**